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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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BUB/CTE/2015-16/ Date: 11-05-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to Road at UAS Apartment Road in Ward No.09 Vidyaranyapura Sub-Division Change of Work: improvements to Road from Venkateswamappa Layout to Gnaneshwari Layout Main Road in Ward No.09 Vidyaranyapura Sub-Division}

Ref. : Letter No. Testing/BUB/2015-16, dated 08-05-2015
Sample supplied to lab by : Assistant Executive Engineer,
Vidyaranyapura Sub-Division
BBMP, Bangalore
Name of the Contractor/Agency*: Smt Shantha Kumari, Contractor, Bangalore.

TEST RESULTS

1. Gradation Test:
TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**97.00**	95-100
26.50	**---**	-
22.40	**74.50**	60-80
11.20	**45.30**	40-60
4.75	**36.00**	25-40
2.36	**22.30**	15-30
0.600	**14.50**	8-22
0.075	**3.50**	0-8

*As Furnished by Client.
The Results relate only to the items tested.

Accepted

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BUB/CTE/2015-16/ **Date: 21-05-2015**

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements to Road at UAS Apartment Road in Ward No.09 Vidyaranyapura Sub-Division Change of Work: improvements to Road from Venkateswamappa Layout to Gnaneshwari Layout Main Road in Ward No.09 Vidyaranyapura Sub-Division}

Ref. : Letter No. Testing/BUB/2015-16, dated 19-05-2015
Sample supplied to lab by : Assistant Executive Engineer,
Vidyaranyapura Sub-Division
BBMP, Bangalore
Name of the Contractor/Agency*: Smt Shantha Kumari, Contractor, Bangalore.

TEST RESULTS:

3. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.06 %**
4. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**96.00**	90—100
4.75	**47.50**	35—51
2.36	**31.00**	24—39
1.18	**26.00**	15—30
0.3	**15.80**	09—19
0.075	**5.00**	03—08

* As furnished by Client.
The Results relate only to the items tested.

Accepted

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